



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filed and Named
Inventor : Liu et al.

Appln. No.: 10/684,773

Filed : October 14, 2003

For : GEOMETRY-DRIVEN IMAGE
SYNTHESIS RENDERING

Docket No.: M61.12-0547

Group Art Unit: 2173

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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10 DAY OF February, 2005

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed.

TIME OF FILING

The information disclosure statement is being filed:

1. X with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

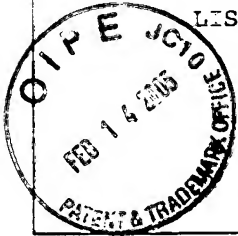
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FORM PTO-1449

Atty. Docket No.:
M61.12-0547App. No.:
10/664,773LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

First Named Inventor:

Liu et al.

Filing Date

October 14, 2003

Group Art:

2173

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	10/099,673		Guo et al.			March 14, 2002

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AB	Beymer, D. and Poggio, T. Image representation for visual learning. Science, 272(28):1905-1909, June 1996.
AC	Bichsel, M. Automatic interpolation and recognition of face by morphing. In Proc. 2nd Intl. Conf. on Automatic Face and Gesture Recognition. Los Alamitos, CA, 128-135, 1996.
AD	Black, M.J. and Yacoob, Y. Tracking and recognizing rigid and non-rigid facial motion using local parametric models of image motion. In Proc. IEEE Intl. Conf. Computer Vision, Cambridge, MA, 374-381, 1995.
AE	Breglar, C., Covell, M. and Slaney, M. Video rewrite: Driving visual speech with audio. In Proc. SIGGRAPH'97, 353-360, July 1997.
AF	Cassell, J. More than just another pretty face: Embodied conversational interface agents. Communications of the ACM 43(4): 70-78, 2000.
AG	Chu-Carroll, J. Form-based reasoning for mixed-initiative dialogue management in information-query systems. In Proc. Eurospeech'99, 1519-1522, 1999.
AH	Cossatto, E. and Graf, H. P. Photo-realistic talking-heads from image samples. IEEE Trans. on Multimedia, 2(3), September 2000.
AI	Dahlbäck, N. Towards a dialogue taxonomy. In Proceedings of ECAI'96 Workshop Dialogue Processing in Spoken Language Systems, 28-34, 1996.
AJ	Escher, M. and Magnenat-Thalmann, N. Automatic 3D cloning and real-time animation of a human face. In Proc. Computer Animation, 58-66, 1997.
AK	Ferguson, G. and Allen, J. TRIPS: An Integrated Intelligent Problem-Solving Assistant. In Proceedings of the Fifteenth National Conference on Artificial Intelligence (AAAI-98), Madison, WI, 567-573, July 1998.
AL	Ferguson, G., Allen, J., Miller, B. and Ringger, E. The design and implementation of the TRAINS-96 system: a prototype mixed-initiative planning assistant. TRAINS Technical Note 96-5, Computer Science Dept., University of Rochester, October 1996.
AM	Flycht-Eriksson, A. A survey of knowledge sources in dialogue systems. In Proceedings of IJCAI-99 Workshop on Knowledge and Reasoning in Practical Dialogue Systems, Stockholm, 1999.
AN	Glass, J. et al. The MIT ATIS System: December 1994 Progress Report. In Proc. ARPA Spoken Language Systems Technology Workshop, January 1995.
AO	Guiard-Marigny, T., Adjoudani, A. and Benoit, C. A 3-D model of the lips for Realistic speech Animation. In Proc. Computer Animation '96, IEEE, 80-89, 1996.
AP	Lee, Y., Terzopoulos, D. and Waters, K. Realistic modeling for facial animation. In Proc. SIGGRAPH'95, 55-62, 1995.
AQ	Lewis, J. Automated lip-sync: Background and techniques. Journal of Visualization and Computer Animation, 2(4):118-122, 1991.

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Liu et al.	
	Filing Date	Group Art:
	October 14, 2003	2173

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AR	Lundeberg, M. and Beskow, J. Developing a 3D-agent for the August dialogue system. In Proc. AVSP'99, Santa Cruz, USA, 1999.
AS	Oh, A. H. and Rudnicky, A. Stochastic language generation for spoken dialogue systems. ANLP/NAACL 2000 Workshop on Conversational Systems, 27-32, May 2000.
AT	Paek, T. and Horvitz, E. Conversation as action under uncertainty. In Proc. 16th Conf. on Uncertainty in Artificial Intelligence (UAI-2000), Stanford, CA, June 2000.
AU	Pandzic, I., Ostermann, J. and Millen, D. User evaluation: synthetic talking faces for interactive services. The Visual Computer, 15:330-340, 1999.
AV	Peckham, J. A new generation of spoken dialogue systems: results and lessons from the SUNDIAL project. In Proc. Eurospeech'93, 33-40, 1993.
AW	Riccardi, G. and Gorin, A.L. Stochastic language adaptation over time and state in a natural spoken dialog system. IEEE Trans. on Speech and Audio, 8:3-10, January 2000.
AX	Rudnicky, A., Thayer, E., Constantinides, P., Tchou, C., Shern, R., Lenzo, K., Xu W., and Oh, A. Creating natural dialogs in the Carnegie Mellon Communicator system. In Proc. Eurospeech'99, 1531-1534, 1999.
AY	Rudnicky, A. and Xu, W. An agenda-based dialog management architecture for spoken language systems. IEEE Automatic Speech Recognition and Understanding Workshop, 1999.
AZ	Schodl, A. and Szeliski, R. Video textures. In Proc. SIGGRAPH'99, 1999.
BA	Wang, Y. A robust parser for spoken language understanding. In Proc. Eurospeech'99, 1999.
BB	Ward, W. and Pellom, B. The CU Communicator system. IEEE Workshop on Automatic Speech Recognition and Understanding, Keystone, CO, Dec 1999.
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BD	N. Badler and S. Platt. Animating facial expressions. In Computer Graphics, pages 245-252. Siggraph, August 1981.
BE	T. Beier and S. Neely. Feature-based image metamorphosis. In Computer Graphics, pages 35-42. Siggraph, July 1992.
BF	M. Brand. Voice puppetry. In Computer Graphics, Annual Conference Series, pages 22-28. Siggraph, August 1999.

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BG	B. Choe and H. seok Ko. Analysis and synthesis of facial expression with hand-generated muscle actuation basis. In Proceedings of Computer Animation, 2001.
BH	T.Ezzat, G.Geiger, and T. Poggio. Trainable video realistic speech animation. In Computer Graphics, Annual Conference Series, pages 388-398.Siggraph, August 2002.
BI	B. Guenter, C. Grimm, D. Wood, H. Malvar, and F. Pighin. Making faces. In Computer Graphics, Annual Conference Series, pages 55-66. Siggraph, July 1998.
BJ	Y. Lee, D. Terzopoulos, and K. Waters. Realistic modeling for facial animation. In Computer Graphics, pages 55-62.Siggraph, August 1995.
BK	S.Z. Li and L. Gu. Real-time multi-view face detection, tracking, pose estimation, alignment, and recognition. In IEEE Conf. on Computer Vision and Pattern Recognition Demo Summary, 2001.
BL	P. Litwinowicz and L. Williams. Animating images with drawings In Computer Graphics, pages 235-242. Siggraph, August 1990.
BM	Z. Liu, Y. Shan, and Z. Zhang. Expressive expression mapping with ratio images. In Computer Graphics, Annual Conference Series, pages 271-276.Siggraph, August 2001.
BN	N. Magnenat-Thalmann, N.E. Primeau, and D. Thalmann. Abstract muscle actions procedures for human face animation. Visual Computer, 3(5):290- 297, 1988.
BO	K. Perlin and A. Goldberg. Improv: A system for scripting interactive actors in virtual worlds. In Computer Graphics, Annual Conference Series, pages 205-216.Siggraph, August 1996.
BP	F. Pighin, J. Hecker, D. Lischinski, R. Szeliski, and D.H. Salesin. Synthesizing realistic facial expressions from photographs. In Computer Graphics, Annual Conference Series, pages 75-84.Siggraph, July 1998.
BQ	F. Pighin, R. Szeliski, and D.H. Salesin. Resynthesizing facial animation through 3d model-based tracking. In International Conference on Computer Vision (ICCV'99), 1999.
BR	S.M. Seize and C.R. Dyer. View morphing. In Computer Graphics, pages 21-30.Siggraph, August 1996.
BS	D. Terzopoulos and K. Waters. Physically-based facial modeling and animation. Journal of Visualization and Computer Animation, 1(4):73-80, March 1990.
BT	S. Toelg and T. Poggio. Towards an example based image compression architecture for videoconferencing. In MIT Technical Report No. 1494, 1994.
BU	K. Waters. A muscle model for animating three dimensional facial expression. Computer Graphics, 22(4):17-24, 1987.
BV	Williams, Performance-Driven Facial Animation, Computer Graphics, Vol. 24, No. 4, pp. 235-242, August 1990.
BW	Noh et al., Expression Cloning, ACM SIGGRAPH 2001 Conference Proceedings, 12-17 August.

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